

Table 49. Renewable Energy: 2022 and 2017

[For meaning of abbreviations and symbols, see introductory text.]

Item	2022	2017	Item	2022	2017
Renewable energy producing systems (see text) farms	1,445	1,444	Renewable energy producing systems (see text) - Con.		
Solar panels farms	1,414	1,337	Geothermal/geoexchange systems farms	1	7
Wind turbines farms	91	135	Small hydro systems farms	14	5
Methane digesters farms	8	2	Wind rights leased to others farms	18	25

Table 50. Institutional, Research, Experimental, and American Indian Reservation Farms: 2022 and 2017

[For meaning of abbreviations and symbols, see introductory text.]

Characteristics	2022	2017	Characteristics	2022	2017
Farms number	151	105	Market value of agricultural products sold - Con.		
Land in farms acres	19,367,171	12,104,730	Crops, including nursery and greenhouse crops \$1,000	103,493	78,720
Average size of farm acres	128,259	115,283	Livestock, poultry, and their products \$1,000	8,047	3,956
Estimated market value of land and buildings \$1,000	2,423,372	2,529,506	Total farm production expenses ¹ \$1,000	85,568	72,164
Average per farm dollars	16,048,819	24,090,535	Average per farm dollars	566,677	687,273
Average per acre dollars	125	209	Government payments farms	14	13
Estimated market value of all machinery and equipment \$1,000	76,543	33,241	Average per farm \$1,000	937	1,509
Land in farms according to use:			Average per farm dollars	66,959	116,042
Total cropland farms	75	49	Total income from farm-related sources farms	44	29
Harvested cropland farms	91,634	75,455	Average per farm \$1,000	5,560	2,746
Other pasture and grazing land that could have been used for crops without additional improvements farms	5	6	Average per farm dollars	126,364	94,692
Other cropland farms	12	40	Tenure:		
Woodland farms	28	20	Full owners farms	93	88
Woodland not pastured farms	3	3	Part owners farms	10	9
Woodland pastured farms	3	3	Tenants farms	48	8
Woodland pastured acres	(D)	(D)	Farms by North American Industry Classification System:		
Woodland not pastured acres	(D)	(D)	Oilseed and grain farming (1111)	5	-
Permanent pasture and rangeland other than cropland and woodland pastured farms	83	55	Vegetable and melon farming (112)	16	6
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc. farms	82	57	Fruit and tree nut farming (1113)	14	9
Irrigated land farms	74	46	Greenhouse, nursery, and floriculture production (1114)	4	1
Market value of agricultural products sold \$1,000	111,539	82,676	Other crop farming (1119)	28	18
Average per farm dollars	738,670	787,387	Tobacco farming (1191)	-	-
			Cotton farming (1192)	4	8
			Sugarcane farming, hay farming, and all other crop farming (1193, 11194, 11199)	24	10
			Beef cattle ranching and farming (11211)	38	29
			Cattle feedlots (11212)	-	-
			Dairy cattle and milk production (11212)	-	-
			Hog and pig farming (1122)	6	9
			Poultry and egg production (1123)	-	-
			Sheep and goat farming (1124)	2	1
			Aquaculture and other animal production (1125, 1129)	38	32

¹ Landlord production expenses are included within total farm production expenses.